



Two checks, in the amount of \$824.00 for the filing fee and \$40.00 for the assignment recording fee, are enclosed. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 05-1323 (Docket #100648.53163US). **A duplicate copy of this sheet is enclosed.**

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Kening Li', is written over a horizontal line.

Kening Li, Ph.D.

Registration No. 44,872

James F. McKeown

Registration No. 25,406

KL:tlm (301017)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : To Be Assigned  
Applicant : Ming Gao YAO, *et al.*  
Filed : January 26, 2004

Docket No. : 100648.53163US  
Customer No. : 23911

Title : MICRO-ACTUATOR, HEAD GIMBAL ASSEMBLY AND  
MANUFACTURING METHOD THEREOF

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUBMISSION OF SUBSTITUTE SPECIFICATION

Sir:

Attached is a Substitute Specification and a marked-up copy of the original specification. I certify that said substitute specification contains no new matter and includes the changes indicated in the marked-up copy of the original specification.

January 26, 2004

Respectfully submitted,



---

Kening Li, Ph.D.  
Registration No. 44,872  
James F. McKeown  
Registration No. 25,406

CROWELL & MORING LLP  
Intellectual Property Group  
P.O. Box 14300  
Washington, DC 20044-4300  
Telephone No.: (202) 624-2500  
Facsimile No.: (202) 628-8844  
JFM:KL:tlm (301015)